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Contact Cement  
Franklin

# MATERIAL SAFETY DATA SHEET

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Division: Consumer Products

Date: 5/80 (Revised 7/83)

## SECTION I - IDENTIFICATION

Product Name: Franklin Table & Counter Top Contact Cement

Chemical Family Description: Fluid syrup: Rubber and resin in non-flammable solvent.

Mfg. Code: 1303

## SECTION II - HAZARDOUS INGREDIENTS

	<u>Wt. %</u>	<u>TLV (Units)</u>
1,1,1-Trichloroethane	89	350 ppm

If waterborn-other volatile hazardous ingredients: Wt. % TLV (Units)

## SECTION III - PHYSICAL DATA

Boiling Point (deg. F):	165	Specific Gravity (H <sub>2</sub> O = 1):	1.34
Typical Vis. (cps):	1200	Percent Volatile (Wt. %):	89
Vapor Density (Air = 1):	1+	Evaporation Rate (ether=1):	<1
Solubility in Water:	Nil	pH: Not applicable.	
Appearance and Odor:	Mobile liquid with characteristic mild odor.		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): Closed Cup = None

Flammable Limits: Lel= 9% Uel= 19% \*

Extinguishing Media: CO<sub>2</sub>, Dry Chemical, Water Fog.

Special Fire Fighting Procedures: Water may be used to keep fire-exposed containers cool until fire is out. Wear self-contained breathing apparatus with full facepiece operated in positive pressure mode.

Unusual Fire and Explosion Hazards: \* High energy ignition sources can cause slow flame front propagation through vapor/air mixtures (9%-19%). If involved in a fire, may release HCl and trace amounts of Chlorine and Phosgene

## SECTION V - HEALTH HAZARD DATA

*Threshold Limit Value:* 350 ppm

*Effects of Overexposure and First Aid Procedures:* Eyes: Can cause severe irritation, redness, tearing, blurred vision. Skin: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. Breathing: Excessive inhalation can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, even asphyxiation. Swallowing: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

*FIRST AID:* If on skin, thoroughly wash exposed area with soap and water. If overexposed through breathing, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing is stopped, give artificial respiration. Keep person warm, quiet and get medical attention. Do not give stimulants. Epinephrine or ephedrine may adversely affect the heart with fatal results. If swallowed, do not induce vomiting. Call physician. If in eyes, flush with large amounts of water, lifting upper and lower eyelids occasionally. Get medical attention.

## SECTION VI - REACTIVITY DATA

*Stability - Stable:* Yes

*Unstable:* --

*Conditions to Avoid:* Strong oxidizing agents, strong alkalies. Avoid welding arcs and other high energy ignition sources.

*Incompatibility (Materials to Avoid):* Avoid contamination with water. Avoid aluminum or galvanized piping and/or pressure systems.

*Hazardous Polymerization - May Occur:* ---

*Will Not Occur:* Will Not

*Conditions to Avoid:*

*Hazardous Decomposition Products:*

## SECTION VII - SPILL OR LEAK PROCEDURES

*Steps to be Taken in Case Material is Released or Spilled (Disposal of container or contents should comply with all applicable federal, state and local regulations):*

Scrape up material and return to container or suitable waste container for disposal. Dispose of container or contents in accordance with all local, state and federal regulations for "Mixtures of 1,1,1-Trichloroethane".

## SECTION VIII - SPECIAL PROTECTION INFORMATION

*Respiratory Protection (Wear Suitable NIOSH/MSHA Approved Respirator Where Exposure Limits are Exceeded):* Yes, if TLV (350 ppm) is exceeded.

*Ventilation - Local Exhaust:* Sufficient to maintain less than 350 ppm (or)  
*Mechanical (General):* Sufficient to maintain less than 350 ppm  
*Special:*  
*Other:*

*Protective Gloves:* To prevent repeated/prolonged contact, wear impervious gloves, such as polyethylene.

*Eye Protection:* Goggles or safety glasses.

*Other Protective Equipment:*

## SECTION IX - SPECIAL PRECAUTIONS

*Precautions to be Taken in Handling and Storing:* Since empty containers contain product residue, all hazard precautions given in this data sheet must be observed. Overexposure to 1,1,1-Trichloroethane has been suggested as a cause of the following effects in humans, due to overexposure to various components: cardiac abnormality, liver abnormalities, kidney damage, lung damage.

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin Chemical Industries makes no warranty express or implied, with respect thereto and disclaims all liability from reliance thereon.